



Philips  
Bedroom air purifier

Smart sensor  
20 m<sup>2</sup>



AC4054



## Healthy air always

with smart air control

The Philips air purifier comes with unique 6-stage clean air system which removes and sterilizes harmful agents. The active oxygen constantly rejuvenates the zeolite filter, ensuring long lasting superior performance.

### Always

- Smart air control measures and controls air quality
- Boost-power cleans quickly at high speed

### Fresh air

- 6-stage Clean air system for clean and fresh air
- 3-stage Electro-clean system charges and traps all particles
- Active oxygen sterilizes pollutants and rejuvenates filter
- 2-stage Fresh air system removes gases and odours

# PHILIPS

# Highlights

## Smart air control



The built-in sensor measures the air quality in the room and automatically selects the appropriate speed setting to guarantee the best possible air quality in your rooms. The dual color display informs you on the actual air quality, and will be red if the air quality is not yet good enough, and green when the air is fresh and healthy again.

## Boost-power function



When the appliance is switched on at Boost power, it is set at high fan speed to quickly clean the air. After 30 minutes, it automatically switches to Smart air control mode.

## 6-stage Clean air system

The advanced and innovative 6-stage Clean air system removes and sterilizes even the finest particles and a wide spectrum of gases and odours. \* The 3-stage Electro-clean filtration system efficiently removes particles \* The 2-

stage FreshAir filtration system removes gases and odours \* The active oxygen sterilizes trapped particles and constantly rejuvenates the zeolite filter, ensuring longlasting superior performance.

## 3-stage Electro-clean system



The 3-stage Electro-clean filtration system works three ways. \* First, the pre-filter blocks larger particles, such as hairs, animal dander and house dust allergens. \* Second, the finer particles that have passed through the pre-filter, including bacteria and viruses, are charged by the Corona field charger. \* Third, the Electro-Static Precipitation (ESP) filter attracts these charged particles to its surface and keeps them safely trapped.

## Active oxygen



The active oxygen, which is generated by the Corona Field Charger, sterilizes harmful germs such as bacteria and viruses that are trapped in

the Electro-Static Precipitation (ESP) filter. It then passes through the zeolite filter, where it oxidizes the trapped gases, rendering them harmless. Thanks to this process, the zeolite filter is constantly rejuvenated and its life can be extended over many years.

## 2-stage Fresh air filtration



The 2-stage Fresh air filtration system uses advanced Nano-Confined Catalytic Oxidization (NCCO) technology. Firstly, the hi-grade zeolite filter traps a wide spectrum of gases and odours and subsequently uses the active oxygen that passes through to neutralize them, constantly rejuvenating the filter. Compared to the traditional activated carbon filter, this hi-grade zeolite filter performs more stably in different humidity conditions, and because it is rejuvenated by the active oxygen, it can last a much longer life of upto five years.

# Specifications

## Design specifications

- Product dimensions (W x D x H): 281 x 216 x 490 mm
- Product weight: 5 kg

## Replacement

- ESP particle filter: AC4105
- Zeolite gas filter: AC4115

## Interactivity

- Frequency: 50/ 60 Hz
- Voltage: 220-240 V
- Noise level: < 49 (JIS compliance) dB
- Effective area: up to 20 m<sup>2</sup>
- Operating relative humidity: 20 - 90 %
- Power consumption: 36 (at 220-240V, hi speed) W
- Power cord: 1.8 m

## Performance

- CADR: > 60 ft<sup>3</sup>/min
- Gas removal efficiency: > 99 (run at hi speed over 3 mins inside 1m3 box) %
- Particle removal efficiency: > 99 (particle size at 0.02 - 10 µm) %

## Finishing

- Color - air outlet mesh/ control panel: silver blue
- Color - control button: crystal silver
- Color - front cover/ air inlet mesh: crystal silver
- Color - rear housing: translucent algiers blue

## Key specifications

- Operating temperature: 5 - 40 °C



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